

Converting Colors

$Y_{xy}(42.7533, 0.3093, 0.3144)$

Have a look what the booklet for
Yxy(42.7533, 0.3093, 0.3144)
contains.

Yxy(42.9315, 0.3090, 0.3145)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9315, 0.3090, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	B3ADB8
RGB	179, 173, 184
RGB Percent	70%, 68%, 72%
CMY	0.2981, 0.3215, 0.2785
CMYK	0.03, 0.06, 0.00, 0.28
HSL	273°, 7%, 70%
HSV	273°, 6%, 72%
XYZ	42.1807, 42.9315, 51.3949
YIQ	176.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

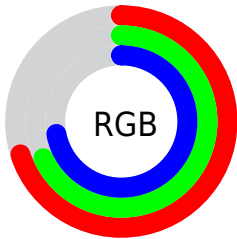
Format	Color
R _Y B	179, 173, 184
Decimal	11775416
CIE Lab	71.51, 4.19, -4.85
CIE LCh	72, 6.407, 310.864
Yxy	42.9315, 0.3090, 0.3145
Android (android.graphics.Color)	4289965496 (0xFFB3ADB8)
YUV	176.0480, 3.9203, 2.5889
Hunter-Lab	65.5221, 0.2479, -0.6410

Details

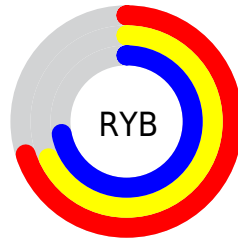
The Yxy color **42.9315, 0.3090, 0.3145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7517, 0.3163, 0.3435**, and the grayscale version is **43.4208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4402, 0.3099, 0.3167**, and **19.7491, 0.3075, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **35.3892, 0.3019, 0.2886**, and if you desaturate by 10%, it is **51.5095, 0.3150, 0.3384**.

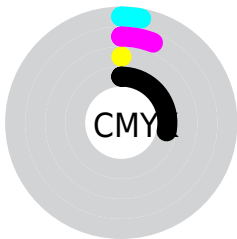
Distribution



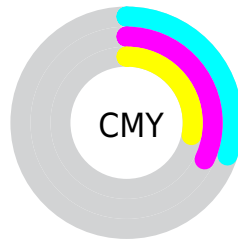
- Red (70%)
- Green (68%)
- Blue (72%)



- Red (70%)
- Yellow (68%)
- Blue (72%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9315, 0.3090, 0.3145 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.9315, 0.3090, 0.3145 by changing the saturation by 10% instead.

■ 42.9315, 0.3090,
0.3145

■ 42.9315, 0.3090,
0.3145

358.3300, 0.3109,
0.3218

■ 29.8314, 0.3085,
0.3127

■ 79.6075, 0.3097,
0.3172

■ 19.7106, 0.3079,
0.3103

103.9521, 0.3100,
0.3182

■ 12.1849, 0.3070,
0.3071

132.8137, 0.3102,
0.3190

■ 6.8697, 0.3057,
0.3027

166.5767, 0.3104,
0.3197

■ 3.3808, 0.3038,
0.2960

205.6254, 0.3105,
0.3203

■ 1.3336, 0.3003,
0.2847

250.3443, 0.3107,

■ 0.1670, 0.2752,

0.3209

0.1760

301.1177, 0.3108,
0.3214

0.0000, 0.0000,
0.0000

42.9315, 0.3090,
0.3145

42.9315, 0.3090,
0.3145

35.3892, 0.3019,
0.2886

51.5095, 0.3150,
0.3384

28.8366, 0.2936,
0.2611

61.1560, 0.3201,
0.3602

23.2324, 0.2842,
0.2324

71.9089, 0.3243,
0.3799

18.5299, 0.2737,
0.2035

83.8029, 0.3278,
0.3977

14.6786, 0.2623,
0.1755

90.3251, 0.3321,
0.4044

■ 11.6230, 0.2503,
0.1498

■ 91.6703, 0.3376,
0.4031

■ 9.3003, 0.2382,
0.1276

■ 93.0820, 0.3432,
0.4017

■ 7.6381, 0.2265,
0.1102

■ 94.5609, 0.3488,
0.4004

■ 6.5442, 0.2156,
0.0980

■ 96.1081, 0.3545,
0.3990

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.9315, 0.3008, 0.3134



42.9315, 0.3090, 0.3145



42.9315, 0.3183, 0.3193

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.9315, 0.3090, 0.3145



42.9315, 0.3299, 0.3414



42.9315, 0.2993, 0.3312

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.9315, 0.3090, 0.3145



46.7517, 0.3163, 0.3435

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.9315, 0.3070, 0.3390



42.9315, 0.3090, 0.3145



42.9315, 0.3247, 0.3449

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.9315, 0.3090, 0.3145



42.9315, 0.3305, 0.3347



42.9315, 0.3162, 0.3441



42.9315, 0.2953, 0.3230

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.9315, 0.3090, 0.3145



42.9315, 0.3239, 0.3240



42.9315, 0.3162, 0.3441



42.9315, 0.3016, 0.3340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.9333, 0.3090, 0.3145



83.7303, 0.3115, 0.3241



44.2364, 0.3037, 0.3212



18.0858, 0.3116, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9333, 0.3090, 0.3145



76.1737, 0.3082, 0.3116



43.5229, 0.3137, 0.3152



9.2781, 0.3080, 0.3107



4.3066, 0.2126, 0.0945



0.1881, 0.2400, 0.1096

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.2929, 0.3184, 0.3225



76.9503, 0.3195, 0.3212



46.1868, 0.3117, 0.3432



9.3779, 0.3199, 0.3208



7.4749, 0.5120, 0.2594



0.2760, 0.4503, 0.2255

Previews

White Background



This preview shows how the Yxy color 42.9315, 0.3090, 0.3145 looks on a white background.

Color Contrast Check

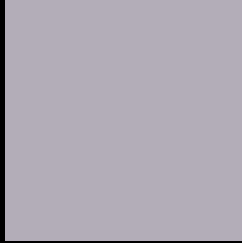
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.9315, 0.3090, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

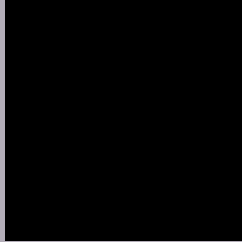
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

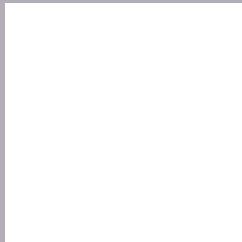
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9315, 0.3090, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 42.9315, 0.3090, 0.3145.

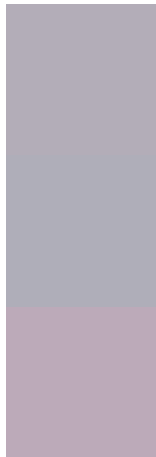


This preview shows how white text looks on a background with the Yxy color 42.9315, 0.3090, 0.3145.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.9315, 0.3090, 0.3145

Protanopia

42.8888, 0.3047, 0.3143

Deuteranopia

42.9436, 0.3163, 0.3096



Tritanopia

43.0160, 0.3074, 0.3119

Trichromacy



Original Color

42.9315, 0.3090, 0.3145

Protanomaly

43.0050, 0.3055, 0.3144

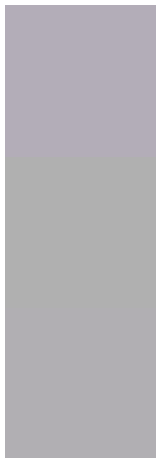
Deuteranomaly

42.9429, 0.3136, 0.3108

Tritanomaly

42.9736, 0.3082, 0.3132

Monochromacy



Original Color

42.9315, 0.3090, 0.3145

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2617, 0.3112, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9315, 0.3090, 0.3145 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.9315, 0.3090, 0.3145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 173, 184) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 173, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9315, 0.3090, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
173, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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